

Web Fundamentals checkpoint

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How Does the Web Work?

- 1. Users enter a website URL in a browser.
- 2. The browser sends a request to a web server.
- 3. The server processes the request and fetches data.
- 4. The response is sent back to the browser, which displays the web page.

The web is basically interactions between clients (browsers, mobile app, TVs, etc) and servers (web servers, mail servers, virtual servers).

What Do You Need to Be a Web Developer?

- 1. Basic knowledge of HTML, CSS, and JavaScript.
- 2. Understanding of front-end, back-end development and database technology.
- 3. Familiarity with frameworks like React, Angular, or Vue.
- 4. Backend knowledge (Node.js, Django, or Flask).
- 5. Version control with Git and GitHub.

Why Did You Choose to Learn Web Development?

- 1. High demand for web developers in the job market.
- 2. Ability to build and create digital solutions.
- 3. Flexible career opportunities (freelancing, remote work, startups).
- 4. Continuous learning and growth in technology.
- 5. I want to understand what it means to build websites and applications.

Conclusion

Web development is an essential skill in today's digital world especially as companies need to interact with their clients through the internet. In my studies and research, I would love to master technologies like HTML, CSS, JavaScript, and frameworks as it is crucial. I intend to partake in continuous practice and learning new trends as this is guaranteed to help me grow as a web developer.